Eastside Transit Corridor Phase 2 Draft Environmental Impact Statement/ Environmental Impact Report

APPENDIX A

LIST OF ACRONYMS AND ABBREVIATIONS

State Clearinghouse Number: 2010011062



μg/L micrograms per liter

μg/m3 micrograms per cubic meter

μips Micro-inches per Second

AA Alternatives Analysis

AADT Annual Average Daily Traffic

AASHTO American Association of State Highway and Transportation Officials

AB Assembly Bill

ACHP Advisory Council on Historic Preservation

ACM Asbestos-Containing Materials

ADA Americans with Disabilities Act

AIRFA American Indian Religious Freedom Act

AMI Area Median Income

ANSI American National Standards Institute

APE Area of Potential Effect

API Area of Potential Impact

APM Automated People Mover

APN Assessor's Parcel Number

APTA American Public Transportation Association

AQMP Air Quality Management Plan

AREMA American Railway Engineering and Maintenance of Way Association Standards



ARPA Archaeological Resources Protection Act

ASI Application Screening Index

AST Aboveground Storage Tank

ASTM American Society for Testing and Materials

AT&SF Atchison, Topeka & Santa Fe

AWSC All-Way Stop Controlled

BACT Best Available Control Technology

BART Bay Area Rapid Transit

BAU Business-as-Usual

BEA Bureau of Economic Analysis

BEP Business Emergency Plan

bgs Below Ground Surface

BLM US Department of Interior, Bureau of Land Management

BMPs Best Management Practices

BNSF Burlington Northern Santa Fe

BP Before Present

BTU British Thermal Units

BTU/mi British Thermal Unit per Mile

CAA Federal Clean Air Act

CAAQS California Ambient Air Quality Standards

CAFE Corporate Average Fuel Economy

Cal EPA California Environmental Protection Agency

Cal OSHA California Occupational Safety and Health Administration

Caltrans California Department of Transportation

CARB California Air Resources Board



CAS Chemical Abstracts Service

CBC California Building Code

CBD Central Business District

CCAA California Clean Air Act

CCAR California Climate Action Registry

CCR California Code of Regulations

CCTV Closed-Circuit Television Cameras

CDFG California Department of Fish and Game

CDMG California Division of Mines and Geology

CDP Census Designated Place

CE California Endangered

CEC California Energy Commission

CEQ Council on Environmental Quality

CEQA California Environmental Quality Act

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CFR Code of Federal Regulations

CGS California Geological Survey

CH4 Methane

CHL California Historical Landmarks

CHRIS California Historical Resources Information System

CIDH Cast-In-Drilled-Hole

CMAQ Congestion Mitigation and Air Quality

CMD Central Manufacturing District

CMP Congestion Management Program

CMS Congestion Management System



CNDDB California Natural Diversity Database

CNG Compressed Natural Gas

CNPS California Native Plant Society

CNT Center for Neighborhood Technologies

CO Carbon Monoxide

CO₂ Carbon Dioxide

CO₂e Carbon Dioxide Equivalents

COLD Cold Freshwater Habitat beneficial use water quality designation

CPI Consumer Price Index

CPUC California Public Utility Commission

CRHR California Register of Historical Resources

CRMMP Cultural Resources Monitoring and Mitigation Plan

CSULA California State University, Los Angeles

CSULB California State University, Long Beach

CT California Threatened

CUPA Certified Unified Program Agency

CWA Clean Water Act

CWC California Water Code

CWR Continuously-Welded Rail

dB Decibels

dBA A-weighted Decibels

dbh Diameter at Breast Height

DHS Department of Homeland Security

DOE United States Department of Energy

DOT United States Department of Transportation



DPM Diesel Particulate Matter

DPR Department of Parks and Recreation

DTSC California Department of Toxic Substances Control

DVR Digital Video Recorder

DWQ State Water Resources Control Board Division of Water Quality

DWR Department of Water Resources

EB Eastbound

EDR Environmental Data Resources, Inc.

eGRID USEPA Emissions & Generation Resource Integrated Database

EIA Energy Information Administration

EIR Environmental Impact Report

EIS Environmental Impact Statement

EMF Electromagnetic Field

EMFAC Emissions Factor Model

EPA United States Environmental Protection Agency

EPCRA Emergency Planning and Community Right-to-Know Act

ESA Environmental Site Assessment

ETCI Environmental Training & Consulting International, Inc.

FC Federal Candidate

FE Federally Endangered

FEMA Federal Emergency Management Agency

FFGA Full Funding Grant Agreement

FHWA Federal Highway Administration

FIRM Flood Insurance Rate Map

FIS Flood Insurance Study



FMV Full Market Value

FR Federal Register

FRA Federal Railroad Administration

FT Federally Threatened

FT Foothill Transit

FTA Federal Transit Administration

FTC Fairly Threatened in California

FY Fiscal Year

g Gravity

g/mi Grams per Mile

GBN Ground-borne Noise

GBV Ground-borne Vibration

GCC Global Climate Change

GHG Greenhouse Gas

GO General Order

GWP Global Warming Potential

GWR Groundwater Recharge beneficial use water quality designation

H+T Housing+Transportation Affordability Index

HABS Historic American Buildings Survey

HAER Historic American Engineering Record

HCM Highway Capacity Manual

HFC Hydrofluorocarbon

HMBP Hazardous Materials Business Plan

HOV High Occupancy Vehicle

HPSR Historic Property Survey Report



HRA Health Risk Assessment

HRI Historic Resources Inventory

HSR High-Speed Rail

HUD United States Department of Housing and Urban Development

HVAC Heating, Ventilation, and Air Conditioning

ICU Intersection Capacity Utilization

IND Industrial Service Supply beneficial use water quality designation

IPCC Intergovernmental Panel on Climate Change

ips Inches per Second

IRP Integrated Resource Plan

ISTEA Intermodal Surface Transportation Efficiency Act

kWh Kilowatt-hour

LACDPW Los Angeles County Department of Public Works

LACFCD Los Angeles County Flood Control District

LACFD Los Angeles County Fire Department

LACM Natural History Museum of Los Angeles County

LACSD Los Angeles County Sheriff's Department

LADOT Los Angeles Department of Transportation

LADWP Los Angeles Department of Water and Power

LAFD Los Angeles Fire Department

LARWQCB Los Angeles Regional Water Quality Control Board

LAUSD Los Angeles Unified School District

LAX Los Angeles International Airport

LBP Lead-Based Paint

lbs/day pounds per day



lbs/hr pounds per hour

lbs/yr pounds per year

LCFS Low Carbon Fuel Standard

Ldn Average Day-Night Noise Level

LEED Leadership in Energy and Environmental Design

LEP Limited English Proficiency

Leq(h) Average Hourly Equivalent Noise Level

Lmax Maximum Noise Level

LOC Level of Concern

LOS Level of Service

LOSSAN Los Angeles to San Diego Rail Corridor

LPA Locally Preferred Alternative

LRT Light Rail Transit

LRTP Long Range Transportation Plan

LRV Light Rail Vehicle

LST Localized Significance Threshold

LUST Leaking Underground Storage Tank

MBTA Migratory Bird Treaty Act

MBTA Massachusetts Bay Transportation Authority

MCL Maximum Contaminant Level

MDE Maximum Design Earthquake

MDP Master Drainage Plan

Metro Los Angeles County Metropolitan Transportation Authority

MFR Multi-Family Residence

mg/L milligrams per liter



MICR Maximum Incremental Cancer Risk

MMTCO2e Million Metric Tons of Carbon Dioxide Equivalent

MOA Memorandum of Agreement

MOU Memorandum of Understanding

mpg Miles per Gallon

mph Miles per Hour

MPO Metropolitan Planning Organization

MRI Midwest Research Institute

MS4 Municipal Separate Storm Sewer System

MSA Metropolitan Statistical Area

MSE Mechanically Stabilized Earth

MUN Municipal and Domestic Supply beneficial use water quality designation

Muni San Francisco Municipal Railway

MWD Metropolitan Water District of Southern California

n.d. No Date

N/A Not Applicable

N2O Nitrous Oxide

NAAQS National Ambient Air Quality Standards

NAGPRA Native American Graves Protection and Repatriation Act

NAHC Native American Heritage Commission

NAVD North American Vertical Datum

NB Northbound

NCI New Cure Inc.

NDMA N-Nitrosodimethylamine

NEPA National Environmental Policy Act



NESHAP National Emission Standards for Hazardous Air Pollutants

NFIP National Flood Insurance Program

NFPA National Fire Protection Association

NFPA 70 National Electrical Code

NGA Next Generation Attenuation

NHPA National Historic Preservation Act

NHTSA National Highway Traffic Safety Administration

NMFS National Marine Fisheries Service

NO₂ Nitrogen Dioxide

NOAA National Oceanic and Atmospheric Administration

NOI Notice of Intent

NOx Nitrogen Oxides

NP No Parking

NPDES National Pollutant Discharge Elimination System

NRHP National Register of Historic Places

NTD National Transit Database

NVTC Not Very Threatened in California

NWI National Wetlands Inventory

O&M Operating and Maintenance

O₃ Ozone

OAL Office of Administrative Law

OCS Overhead Catenary System

ODE Operating Design Earthquake

OFFROAD Emissions Model for Off-road Equipment

OHWM Ordinary High Water Mark



OII Operating Industries, Inc.

OPR Office of Planning and Research

OSHA Occupational Safety and Health Administration

OST USDOT Office of the Secretary

OU Operable Unit

P3 Public/Private Partnerships

PA Parking Allowed

Pb Lead

PCB Polychlorinated Biphenyl

PCE Perchloroethylene

PEC Presumed Extinct in California

PEIR Program Environmental Impact Report

PFC Perfluorocarbon

PGA Peak Ground Acceleration

PHI Points of Historical Interest

PIH Presbyterian Intercommunity Hospital

PM Particulate Matter

PM₂₅ Fine Particulate Matter

PM₁₀ Inhalable Particulate Matter

POC Pedestrian Overcrossing

ppm parts per million

ppmv parts per million by volume

ppt parts per trillion

PRC Public Resources Code

PROC Industrial Process Supply beneficial use water quality designation



PSHA Probabilistic Seismic Hazard Analysis

PSI Pollutant Screening Index

PSL Pollutant Screening Level

PTW Presently Traveled Way

Qls Landslide Deposit

Qoa Old Alluvium, undivided

Qof Old Alluvial Fan Deposit, undivided

QSD Qualified SWPPP Developer

QSP Qualified SWPPP Practitioner

Qw, Qyw Wash Deposit

Qyf Young Alluvial Fan Deposit

RAMP Real Estate Acquisition Management Plan

RARE Rare, Threatened, or Endangered Species beneficial use water quality

designation

RCPG Regional Comprehensive Plan and Guide

RCRA Resource Conservation and Recovery Act

REC-1 Contact Water Recreation beneficial use water quality designation

REC-2 Non-Contact Water Recreation beneficial use water quality designation

RHA Rivers and Harbors Act

RIMS Regional Input-Output Modeling System

RMP Risk Management Plan

RMS Root Mean Square

ROP Regional Occupation Program

ROW Right-of-Way

RPS Renewable Portfolio Standard



RSTP Regional Surface Transportation Plan

RTAC Regional Targets Advisory Committee

RTIP Regional Transportation Improvement Program

RTP Regional Transportation Plan

RWQCB Regional Water Quality Control Board

SAFETEA-LU Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for

Users

SAIC Science Applications International Corporation

SAR IPCC's Second Assessment Report

SARA Superfund Amendments and Reauthorization Act

SB Senate Bill

SB Southbound

SB California Senate Bill

SC Species of Concern

SCAB South Coast Air Basin

SCAG Southern California Association of Governments

SCAQMD South Coast Air Quality Management District

SCC Standardized Cost Category

SCE Southern California Edison

SCRAA Southern California Regional Rail Authority

SCS Sustainable Community Strategies

SEA Significant Ecological Area

SEATAC Significant Ecological Area Technical Advisory Committee

SEL Sound Exposure Level

SEOP Safety Education and Outreach Program



SF6 Sulfur Hexafluoride

SFR Single-Family Residence

SGVMWD San Gabriel Valley Municipal Water District

SHPO State Historic Preservation Officer

SIP State Implementation Plan

SLIC Spills, Leaks, Investigations, and Cleanups

SO₂ Sulfur Dioxide

SoCAB South Coast Air Basin

SOx Sulfur Oxides

SPD South Pacific Division – USACE

SQMP Stormwater Quality Management Program

SR State Route

SR 19 Rosemead Boulevard

SR 60 State Route 60

SRA Source-Receptor Area

STC Seriously Threatened in California

SUSMP Standard Urban Stormwater Management Plan

SWPPP Stormwater Pollution Prevention Plan

SWRCB State Water Resources Control Board

TAC Toxic Air Contaminant

TAR Technical Assessment Report

TAZ Transportation Analysis Zone

TCE Trichloroethylene

TCRP Transit Cooperative Research Program

TDA Transportation Development Act



TEA Transportation Equity Act

Tf Fernando Formation, undivided

TIFIA Transportation Infrastructure Finance and Innovation Act

TIP Transportation Improvement Plan

TMDL Total Maximum Daily Load

TNW Traditionally Navigable Water of the U.S.

TOD Transit Oriented Development

TOG Total Organic Gases

TPSS Traction Power Substations

tpy tons per year

TSA Transportation Security Administration

TSCA Toxic Substances Control Act

TSM Transportation System Management

TVA Threat and Vulnerability Assessment

TWSC Two-Way Stop Controlled

U.S. United States

U.S.C. United States Code

UBC Uniform Building Code

UCLA University of California, Los Angeles

UFC Uniform Fire Code

UPRR Union Pacific Railroad

URBEMIS Urban Emissions Model

USACE United States Army Corps of Engineers

USC University of Southern California

USC United States Code



USDA United States Department of Agriculture

USDOT United States Department of Transportation

USEPA United States Environmental Protection Agency

USFS United States Department of Agriculture, Forest Service

USFWS United States Fish and Wildlife Service

USGS United States Geological Survey

UST Underground Storage Tank

UTM Universal Transverse Mercator

V/C Volume to Capacity Ratio

VdB Vibration Velocity Level in Decibels

VHT Vehicle Hours Traveled

VMT Vehicle Miles Traveled

VOC Volatile Organic Compounds

WARM Warm Freshwater Habitat beneficial use water quality designation

WB Westbound

WDR Waste Discharge Requirement

WILD Wildlife Habitat beneficial use water quality designation

WR Water Resources

WRD Water Replenishment District

WY Water Year

YOE Year of Expenditure



